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September 1, 2005

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Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Art Unit 3623

Mail Stop: Amendment

Re: U.S. Utility Patent Application
Application No. 09/547,791; Filed: April 12, 2000
For: **System, Method, and Computer Program Product for Weather and Terrestrial Vegetation-Based Water Renovation and Management Forecasting**
Inventors: Beck *et al.*
Our Ref: 1481.0170000/PEG/TAD

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Credit Card Payment Form (PTO-2038) in the amount of \$180.00 to cover Information Disclosure fees under 37 C.F.R. § 1.17;
2. Third Supplemental Information Disclosure Statement;
3. Forms PTO-1449 (9 pages) with 51 accompanying documents;
4. Copies of cited documents AJ1-AR1, AJ2, AK2, AN2-AR2, AN3-AR3, AN4-AR4, AN5-AR5, AN6-AR6, AN7-AR7, AN8-AR8 and AN9-AR9; and
5. Return postcard.

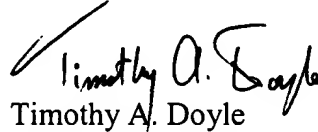
It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents
September 1, 2005
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Handwritten signature of Timothy A. Doyle in black ink.

Timothy A. Doyle
Attorney for Applicants
Registration No. 51,262

TAD/slw
Enclosures

432153_1.DOC



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Beck *et al.*

Appl. No. 09/547,791

Filed: April 12, 2000

For: **System, Method, and Computer
Program Product for Weather and
Terrestrial Vegetation-Based
Water Renovation and
Management Forecasting**

Confirmation No. 5403

Art Unit: 3623

Examiner: Meinecke Diaz, Susanna M.

Atty. Docket: 1481.0170000/PEG/TAD

Third Supplemental Information Disclosure Statement

Mail Stop Amendment

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicant has listed publication dates on the attached Form PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Applicants have checked the appropriate boxes below.

- ☐ 1. Statement under 37 C.F.R. 1.704(d). Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this information disclosure statement.
- ☐ 2. Filing under 37 C.F.R. § 1.97(b). This Information Disclosure Statement is being filed within three months of the date of filing of a national application other than a continued prosecution application (CPA), OR within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, OR before the mailing date of a first Office Action on the merits OR before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No statement or fee is required.

☒ 3. Filing under 37 C.F.R. § 1.97(c). This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection, or Notice of Allowance, or an action that otherwise closes prosecution in the application.

☐ a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).

☐ b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).

☒ c. Attached is our PTO-2038 Credit Card Payment Form in the amount of \$180.00 in payment of the fee under 37 C.F.R. § 1.17(p).

- ☐ 4. Filing under 37 C.F.R. § 1.97(d) This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Enclosed find our PTO-2038 Credit Card Payment Form in the amount of \$_____ in payment of the fee under 37 C.F.R. § 1.17(p); in addition:
- ☐ a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
- ☐ b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
- ☐ 5. The document(s) was/were cited in a search report by a foreign patent office in a counterpart foreign application. Submission of an English language version of the search report that indicates the degree of relevance found by the foreign office

is provided in satisfaction of the requirement for a concise explanation of relevance. 1138 OG 37, 38.

- ☒ 6. A concise explanation of the relevance of the non-English language document(s) appears below in accordance with 37 C.F.R. § 1.98(a)(3):

Document AJ1 (FR 2 751 774) appears to describe a method for evaluating Degrees of Euphoria, which are based on air temperature and relative humidity, combined with wind speed and direction and possibly atmospheric pressure. An English-language abstract of document AJ1 is enclosed as document AR7.

Document AK1 (JP 9-128411) appears to describe an information processor convenient for ordinary life by displaying weather information at the prescribed place of correspondent data and time in a displayed calendar based on a signal from a weather predicting means. An English-language abstract of document AK1 is enclosed as document AN8.

Document AL1 (JP 10-096790) appears to describe a weather condition observing device to precisely forecast a local future weather condition from present weather condition information. An English-language abstract of document AL1 is enclosed as document AO8.

Document AM1 (JP 10-332840) appears to describe definite-form image data such as a map containing an object region of meteorological information to provide a user with a method and equipment for providing the latest

meteorological information. An English-language abstract of document AM1 is enclosed as document AP8.

Document AJ2 (JP 11-258359) appears to describe a displayed weather images to support weather prediction by searching for an image similar to a current state out of past weather images. An English-language abstract of document AJ2 is enclosed as document AQ8.

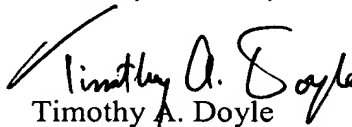
- ☒ 7. Copies of documents AJ1-AR1, AJ2, AK2, AN2-AR2, AN3-AR3, AN4-AR4, AN5-AR5, AN6-AR6, AN7-AR7, AN8-AR8 and AN9-AR9 are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2), no copies of U.S. patents and patent application publications cited on the attached IDS Forms are submitted.
- ☐ 8. Copies of the documents were cited by or submitted to the Office in an IDS that complies with 37 C.F.R. § 1.98(a)-(c) in Application No. _____, filed _____, which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).
- ☐ 9. It is expected that the examiner will review the prosecution and cited art in the parent application no(s). _____ in accordance with MPEP 2001.06(b), and indicate in the next communication from the office that the art cited in the earlier prosecution history has been reviewed in connection with the present application.

It is respectfully requested that the Examiner initial and return a copy of the enclosed IDS Forms, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.


Timothy A. Doyle
Attorney for Applicants
Registration No. 51,262

Date: 1 SEP 05

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FORM PTO-1449
THIRD SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
1481.0170000

APPLICATION NO.
09/547,791

FIRST NAMED INVENTOR
Beck

FILING DATE
April 12, 2000

ART UNIT
2163

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA1	4,040,629	08/1977	Kelly			
	AB1	4,580,814	04/1986	Berler			
	AC1	4,642,775	02/1987	Cline <i>et al.</i>			
	AD1	5,263,167	11/1993	Conner, Jr. <i>et al.</i>			
	AE1	5,377,095	12/1994	Maeda <i>et al.</i>			
	AF1	5,444,820	08/1995	Tzes <i>et al.</i>			
	AG1	5,504,675	04/1996	Cragun <i>et al.</i>			
	AH1	5,654,886	08/1997	Zereski, Jr. <i>et al.</i>			
	AI1	5,673,366	09/1997	Maynard <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ1	2 751 774	07/1996	France			NO
	AK1	9-128411	05/1997	JP			
	AL1	10-096790	04/1998	JP			
	AM1	10-332840	12/1998	JP			

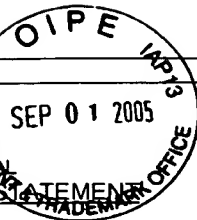
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AN	1	Banham, R., "Reinsurers Seek Relief in Computer Predictions", August 1993, pp. 14-16, 18-19, XP002082269, p. 14, col. 1, line 1, col. 2, line 29.
	AO	1	Chen, P.C., "Supercomputer-Based Visualization Systems Used for Analyzing Output Data of a Numerical Weather Prediction Model," ACM, pp. 296-309 (1990).
	AP	1	Gagne, James, 'Fair-weather trends', May 1997, American Demographics, pp. 1-5.
	AQ	1	Gotschall, Mary G., "Bullish on weather," <i>Electric Perspectives</i> , Washington, Vol. 23, No. 5, p. 30, 8 pgs (September/October 1998).
	AR	1	http://www.bysb.com/sponsors/weathr.htm .

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA2	5,692,233	11/1997	Garman			
	AB2	5,740,549	04/1998	Reilly <i>et al.</i>			
	AC2	5,796,611	08/1998	Ochiai <i>et al.</i>			
	AD2	5,832,456	11/1998	Fox <i>et al.</i>			
	AE2	5,848,378	12/1998	Shelton <i>et al.</i>			
	AF2	5,884,286	03/1999	Daughtery, III			
	AG2	5,909,671	06/1999	Byford <i>et al.</i>			
	AH2	5,978,738	11/1999	Brown			
	AI2	5,983,200	11/1999	Slotznick			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ2	11-258359	09/1999	JP			
	AK2	WO 98/22899	05/1998	PCT			
	AL2						
	AM2						

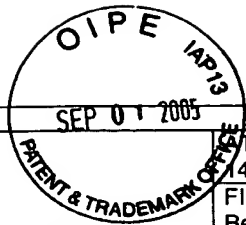
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AN	2	Hunter, R., "Forecast for Weather Derivatives: Hot Derivatives Strategy," May 1999, pp. 1-6, XP002133864, as printed from http://derivatives.com/magazine/arrive/1998/0598feal.asp p. 1, line 1--p. 6, line 9.
	AO	2	"Japan-US Business Report, American Companies in Japan," <i>Software and Information Services</i> , vol. 1997, no. 335, August 31, 1997.
	AP	2	Karmin, Monroe W., "Inflation, Jobs and Interest Rates: Dangerous Territory," <i>U.S. News & World Report</i> , vol. 108, no. 19., p. 50, May 14, 1990.
	AQ	2	Lucchetti, A., "Cold Winter On the Way? Some bet on it," <i>Wall Street Journal</i> , November 6, 1997.
	AR	2	Malliaris, M., "Beating the Best: A Neutral Network Challenges the Black-Scholes Formula," <i>Proceedings of the Conference on Artificial Intelligence for Applications</i> , US, Los Alamitos, IEEE Comp. Soc. Press, 1993, pp. 445-449, XP000379639, ISBN: 0-8186-3840-0, p. 445, col., 1, line 16, p. 446, col. 1, line 17.

EXAMINER

DATE CONSIDERED

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APPLICATION NO.
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA3	5,999,882	12/1999	Simpson <i>et al.</i>			
	AB3	6,012,834	01/11/2000	Dueck <i>et al.</i>			
	AC3	6,021,402	02/2000	Takriti			
	AD3	6,061,662	05/2000	Makivic			
	AE3	6,144,944	11/2000	Kurtzman <i>et al.</i>			
	AF3	6,173,276	01/2001	Kant <i>et al.</i>			
	AG3	6,188,960 B1	02/2001	Baron <i>et al.</i>			
	AH3	6,240,369 B1	05/2001	Foust			
	AI3	6,263,321 B1	07/2001	Daughtery, III			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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	AK3						
	AL3						
	AM3						

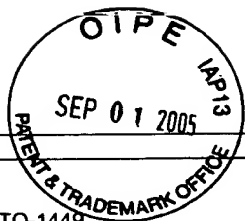
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AN	<u>3</u>	"Microsoft Expedia Travel Services Debuts on the Web," PR Newswire, October 22, 1996.
AO	<u>3</u>	Ojala, Marydee, "The dollar sign: Weather databases online, " Database, vol. 18, no. 1, pp. 72-76, February/March 1995.
AP	<u>3</u>	"Origins of Option Pricing Techniques", "The Black and Scholes Model", "The Black and Scholes Model" and "Graphs of the Black Scholes Model", as printed from http://bradley.bradley.edu/about.arr/bsm , Apr. 9, 1997, (8 pages).
AQ	<u>3</u>	Pizano, A. <i>et al.</i> , "Automatic Generation of Graphical User Interfaces for Interactive Database Applicaitons," <i>Proceedings of the 1993 International Conference on Information and Knowledge Management</i> , Association for Computing Machinery, pp. 344-355 (November 1993), XP009035258.
AR	<u>3</u>	Rao, S.R.; Thomas, Edward G; Javalgi, Rajshekhar G., 'Activity Preferences and Trip-Planning Behavior of the U.S. Outbound Pleasure Travel Market', Winter, 1992, Journal of Travel Research, pp 1-12.

EXAMINER

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FORM PTO-1449 THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1481.0170000	APPLICATION NO. 09/547,791
	FIRST NAMED INVENTOR Beck	
	FILING DATE April 12, 2000	ART UNIT 2163

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA4	6,298,307 B1	10/2001	Murphy <i>et al.</i>			
	AB4	6,317,686 B1	11/2001	Ran			
	AC4	6,339,747 B1	01/2002	Daly <i>et al.</i>			
	AD4	6,356,842 B1	03/2002	Intriligator <i>et al.</i>			
	AE4	6,405,179 B1	06/2002	Rebane			
	AF4	6,418,417 B1	07/2002	Corby <i>et al.</i>			
	AG4	6,496,780 B1	12/2002	Harris <i>et al.</i>			
	AH4	6,498,987 B1	12/2002	Kelly <i>et al.</i>			
	AI4	6,535,817 B1	03/2003	Krishnamurti			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ4						
	AK4						
	AL4						
	AM4						

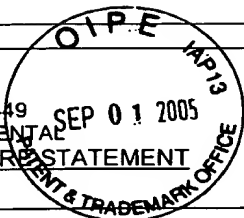
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AN	<u>4</u>	Riordan, D. and Hansen, B.K., "A fuzzy case-based system for weather prediction," <i>Engineering Intelligent Systems</i> , Vol. 10, No. 3, CRL Publishing Ltd., pp. 139-146 (September 2002).
	AO	<u>4</u>	Schwartz, S., "Modeling tools aid in financial risk management," <i>Insurance & Technology</i> , Vol. 21, No. 4, pp. 20-21 (April 1996).
	AP	<u>4</u>	"Skyline Multimedia Entertainment, Inc. Announces Co-Marketing Pact With Internet's InfoSpace.com; Deal Marks Theme Entertainment Company's Expansion Into Tour Industry Services," Business Wire, September 4, 1998.
	AQ	<u>4</u>	Stix, G., "A Calculus of Risk," <i>Scientific American</i> , pp. 92-97 (May 1998).
	AR	<u>4</u>	Studwell, A., "Weather Derivatives," <i>11th Conference on Applied Climatology</i> , January 10-15, 1999, pp. 36-40, XP00089822, p. 36, col. 1, line 1-p. 40, col. 1, line 33.

EXAMINER	DATE CONSIDERED
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FORM PTO-1449
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FILING DATE
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA5	6,581,008 B2	06/2003	Intriligator <i>et al.</i>			
	AB5	6,584,447 B1	06/2003	Fox <i>et al.</i>			
	AC5	2002/0026284 A1	02/2002	Brown			
	AD5	2002/0032644 A1	03/2002	Corby <i>et al.</i>			
	AE5	2002/0091692 A1	07/2002	Yoshida <i>et al.</i>			
	AF5	2002/0107638 A1	08/2002	Intriligator <i>et al.</i>			
	AG5	2002/0130899 A1	09/2002	Ryan <i>et al.</i>			
	AH5	2002/0133385 A1	09/2002	Fox <i>et al.</i>			
	AI5	2002/0194113 A1	12/2002	Lof <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

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	AK5						
	AL5						
	AM5						

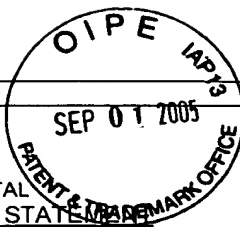
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AN	<u>5</u>	Turvey, Calum G., "Weather Derivatives and Specific Event Risk," <i>Proceedings of the 1999 American Agricultural Economics Association Annual Meeting</i> , American Agricultural Economics Association (August 1999).
	AO	<u>5</u>	Turvey, Calum, "Weather Derivatives for Specific Event Risks in Agriculture," <i>Review of Agricultural Economics</i> , American Agricultural Economics Association, Vol. 23, No. 2, pp. 333-51 (Spring/Summer 2001).
	AP	<u>5</u>	Upbin, B., "Betting against God," <i>Forbes</i> , Vol. 162, No. 1, p. 108(1) (July 6, 1998).
	AQ	<u>5</u>	'Urlicorp's Aquila energy to Greatly Expand it's Weather Hedging Products', Nov. 20, 1997, McGraw-Hill Publications, vol. 17, No. 1, p. 4.
	AR	<u>5</u>	"WeatherPlanner Introduces Weather Forecasting Service for Consumers and Small Businesses," PR Newswire, November 11, 1997.

EXAMINER

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ATTY. DOCKET NO.
1481.0170000

APPLICATION NO.
09/547,791

FIRST NAMED INVENTOR
Beck

FILING DATE
April 12, 2000

ART UNIT
2163

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA6	2003/0004780 A1	01/2003	Smith <i>et al.</i>			
	AB6	2003/0200027 A1	10/2003	Root <i>et al.</i>			
	AC6	2004/0215394	10/2004	Carpenter <i>et al.</i>			
	AD6	2004/0225556	11/2004	Willen <i>et al.</i>			
	AE6	2004/0230519	11/2004	Parker			
	AF6						
	AG6						
	AH6						
	AI6						

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	AL6						
	AM6						

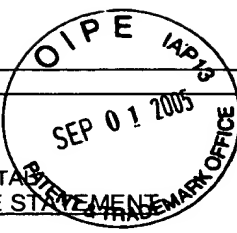
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AN	<u>6</u>	"WeatherPlanner Introduces Weather Forecasting Service for Skiers; Revolutionary Planning Tool Provides Forecasts up to 12 Months in Advance," PR Newswire, December 12, 1997.
	AO	<u>6</u>	"WeatherPlanner Introduces Weather Forecasting Service for Vacationers; Revolutionary Planning Tool Provides Forecasts up to 12 Months in Advance," PR Newswire, March 19, 1998.
	AP	<u>6</u>	"WeatherPlanner Introduces Weather Forecasting Service to Aid Brides in Planning Weddings and Honeymoons," PR Newswire, December 9, 1997.
	AQ	<u>6</u>	"WeatherPlanner Offers Weather Forecasting Service for Outdoor Enthusiasts; Weather Forecasts Now Available up to 12 Months in Advance," PR Newswire, March 6, 1998.
	AR	<u>6</u>	"WeatherPlanner Tees Up Weather Forecasting Service for Golfers; Weather Forecasts Now Available up to 12 Months in Advance," PR Newswire, May 5, 1998.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449
THIRD SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
1481.0170000APPLICATION NO.
09/547,791FIRST NAMED INVENTOR
BeckFILING DATE
April 12, 2000ART UNIT
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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	AI7						

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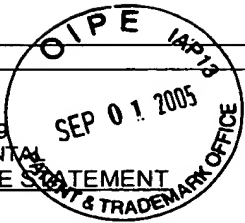
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AN	<u>1</u>	"Web WeatherPlanner Site for Weather Predictions," Newsbytes News Network, December 12, 1997.
	AO	<u>1</u>	Williams, Michael <i>et al.</i> , "Natural Gas Trends," Railroad Commission of Texas Gas Services Division Regulatory Analysis & Policy Section, July 28, 2003.
	AP	<u>1</u>	www.intellicast.com, Screen Print, July 4, 1998.
	AQ	<u>1</u>	wysiwyg://171/http://www.aquilaenergy.com/northamerica/about/.
	AR	<u>1</u>	English Abstract of French Patent Publication No. 2 751 774, 1 page, data supplied from the esp@cenet database.

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FORM PTO-1449 THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 1481.0170000	APPLICATION NO. 09/547,791
FIRST NAMED INVENTOR Beck		FILING DATE April 12, 2000	
ART UNIT 2163			

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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	AI8					

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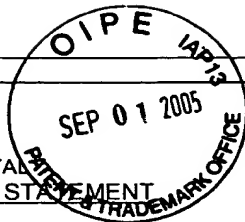
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ8					
	AK8					
	AL8					
	AM8					

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AN	<u>8</u>	English Abstract of Japanese Patent Publication No. 9-128411, 1 page, data supplied from the esp@cenet database.
	AO	<u>8</u>	English Abstract Page for Japanese Patent Publication No. 10096790, 1 page, data supplied from the esp@cenet database.
	AP	<u>8</u>	English Abstract Page for Japanese Patent Publication No. 10332840, 1 page, data supplied from the esp@cenet database.
	AQ	<u>8</u>	English Abstract Page for Japanese Patent Publication No. 11258359, 1 page, data supplied from the esp@cenet database.
	AR	<u>8</u>	Copy of International Search Report from PCT Appl. No. PCT/US93/11005, 5 pages, mailed Jun. 27, 1994.

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THIRD SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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	AL9						
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AN	<u>9</u>	Copy of International Search Report from PCT Appl. No. PCT/US95/00618, 2 pages, mailed May 3, 1995.
	AO	<u>9</u>	Copy of International Search Report from PCT Appl. No. PCT/US95/02557, 3 pages, mailed Jun. 8, 1995.
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	AQ	<u>9</u>	Copy of International Search Report from PCT Appl. No. PCT/US99/23452, 3 pages, mailed Jun. 4, 2000.
	AR	<u>9</u>	Copy of International Search Report from PCT Appl. No. PCT/US04/32440, 2 pages, mailed May 27, 2005.

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